

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/008714

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C08F4/64 C07F9/535 C07F9/00 C07F7/00 C07F7/28  
C07F7/30 C07F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08F C07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, CHEM ABS Data, BEILSTEIN Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/070569 A (STICHTING DUTCH POLYMER INST (NL)) 12 September 2002 (2002-09-12) cited in the application page 8, line 33 - page 9, line 12 page 10, line 1 - line 23 page 14, line 1 - line 11	1-10
X	US 6 114 481 A (GAO XIAOLIANG ET AL) 5 September 2000 (2000-09-05) cited in the application column 8, line 1 - column 9, line 30	1-10
X	CA 2 243 726 A (NOVA CHEMICALS LTD) 21 January 2000 (2000-01-21) * pages 18 & 19; syntheses 2, 3 & 4 * ----- -/--	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

9 November 2004

Date of mailing of the international search report

24/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Elliott, A

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/008714

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CA 2 243 775 A (NOVA CHEMICALS LTD) 21 January 2000 (2000-01-21) * page 21; method 2 *	1-10
A	CA 2 261 518 A (NOVA CHEMICALS CORP) 12 August 2000 (2000-08-12) cited in the application page 3, line 30 - line 36	1-10
A	CA 2 243 783 A (NOVA CHEMICALS LTD) 21 January 2000 (2000-01-21) the whole document	1-10
A	CA 2 210 131 A (NOVA CHEMICALS LTD) 9 January 1999 (1999-01-09) the whole document	1-10
A	SARFIELD MARK J ET AL: "The reactivity of trimethylsilyliminophosphines towards titanium and zirconium halides" JOURNAL OF THE CHEMICAL SOCIETY, DALTON TRANSACTIONS, no. 6, 21 March 2001 (2001-03-21), pages 822-827, XP002262843 ISSN: 1472-7773 the whole document	1-10

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/008714

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 02070569	A	12-09-2002	
		AT 277092 T	15-10-2004
		CA 2439892 A1	12-09-2002
		DE 60201340 D1	28-10-2004
		EP 1373332 A1	02-01-2004
		JP 2004527608 T	09-09-2004
		WO 02070569 A1	12-09-2002
		US 2004192541 A1	30-09-2004
US 6114481	A	05-09-2000	
		CA 2215444 A1	15-03-1999
		AT 229042 T	15-12-2002
		AU 8970098 A	05-04-1999
		WO 9914250 A1	25-03-1999
		CN 1270601 T	18-10-2000
		DE 69809957 D1	16-01-2003
		DE 69809957 T2	04-09-2003
		DK 1021470 T3	17-03-2003
		EP 1021470 A1	26-07-2000
		ES 2188000 T3	16-06-2003
		JP 2001516776 T	02-10-2001
		US 6420300 B1	16-07-2002
CA 2243726	A	21-01-2000	
		CA 2243726 A1	21-01-2000
		AT 228141 T	15-12-2002
		AU 4126399 A	14-02-2000
		BR 9912316 A	08-05-2001
		WO 0005236 A1	03-02-2000
		CN 1319103 T	24-10-2001
		DE 69904061 D1	02-01-2003
		DE 69904061 T2	17-07-2003
		EP 1112276 A1	04-07-2001
		ES 2187161 T3	16-05-2003
		JP 2002521500 T	16-07-2002
		US 6355744 B1	12-03-2002
CA 2243775	A	21-01-2000	
		CA 2243775 A1	21-01-2000
		AT 236182 T	15-04-2003
		AU 4126299 A	14-02-2000
		BR 9912277 A	17-04-2001
		WO 0005237 A1	03-02-2000
		CN 1319104 T	24-10-2001
		DE 69906552 D1	08-05-2003
		DE 69906552 T2	15-01-2004
		EP 1112278 A1	04-07-2001
		ES 2196809 T3	16-12-2003
		JP 2002521501 T	16-07-2002
		US 6147172 A	14-11-2000
CA 2261518	A	12-08-2000	
		CA 2261518 A1	12-08-2000
CA 2243783	A	21-01-2000	
		CA 2243783 A1	21-01-2000
		AT 227730 T	15-11-2002
		AU 4595199 A	14-02-2000
		BR 9912239 A	10-04-2001
		WO 0005238 A1	03-02-2000
		CN 1321161 T	07-11-2001
		DE 69903950 D1	19-12-2002
		DE 69903950 T2	17-07-2003
		EP 1098899 A1	16-05-2001

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/008714

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CA 2243783	A	ES 2187167 T3	16-05-2003
		JP 2002521502 T	16-07-2002
		US 6239238 B1	29-05-2001
		US 2001007895 A1	12-07-2001
CA 2210131	A 09-01-1999	CA 2210131 A1	09-01-1999
		AT 235518 T	15-04-2003
		AU 740558 B2	08-11-2001
		AU 7192098 A	21-01-1999
		BR 9802353 A	14-12-1999
		DE 69812485 D1	30-04-2003
		DE 69812485 T2	04-03-2004
		EP 0890581 A1	13-01-1999
		ES 2196493 T3	16-12-2003
		FI 981404 A	10-01-1999
		JP 11071420 A	16-03-1999
		NO 983151 A	11-01-1999
		RU 2203908 C2	10-05-2003
		US 5965677 A	12-10-1999